

Converting Colors

$Yxy(60.4615, 0.2727, 0.2476)$

Have a look what the booklet for
Yxy(60.4615, 0.2727, 0.2476)
contains.

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Color

Yxy(59.5052, 0.2826, 0.2631)

Conversions

Conversions Part 1

Format	Color
Hex	D2C2FF
RGB	210, 194, 255
RGB Percent	82%, 76%, 100%
CMY	0.1766, 0.2392, 0.0000
CMYK	0.18, 0.24, 0.00, 0.00
HSL	256°, 100%, 88%
HSV	256°, 24%, 100%
XYZ	63.9155, 59.5052, 102.7488
YIQ	205.7380, -10.0450, 22.3630

Conversions

Conversions Part 2

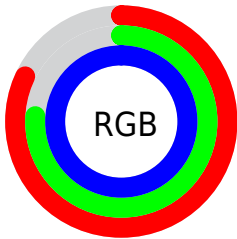
Format	Color
R _Y B	210, 194, 255
Decimal	13812479
CIE Lab	81.57, 17.50, -27.95
CIE LCh	82, 32.976, 302.049
Yxy	59.5052, 0.2826, 0.2631
Android (android.graphics.Color)	4292002559 (0xFFD2C2FF)
YUV	205.7380, 24.2862, 3.7378
Hunter-Lab	77.1396, 12.9053, -24.9757

Details

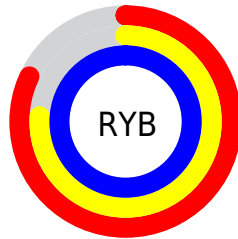
The Yxy color **59.5052, 0.2826, 0.2631** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.7751, 0.3383, 0.3911**, and the grayscale version is **61.3891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **29.8019, 0.2750, 0.2477** is the 20% darker color. If you saturate the color by 10%, you get **46.5087, 0.2671, 0.2315**, and if you desaturate by 10%, it is **74.7754, 0.2964, 0.2926**.

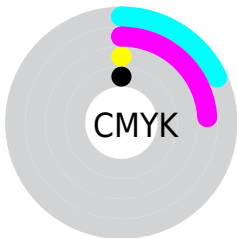
Distribution



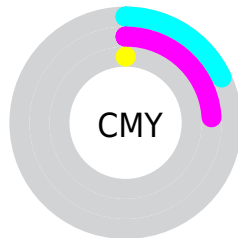
- Red (82%)
- Green (76%)
- Blue (100%)



- Red (82%)
- Yellow (76%)
- Blue (100%)



- Cyan (18%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5052, 0.2826, 0.2631 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 59.5052, 0.2826, 0.2631 by changing the saturation by 10% instead.

■ 59.5052, 0.2826,
0.2631

■ 59.5052, 0.2826,
0.2631

■ 422.7715, 0.2972,
0.2933

■ 43.0199, 0.2791,
0.2563

■ 104.1116, 0.2878,
0.2735

■ 29.9008, 0.2747,
0.2480

■ 133.0015, 0.2898,
0.2775

■ 19.7633, 0.2691,
0.2377

■ 166.7950, 0.2915,
0.2811

■ 12.2231, 0.2616,
0.2243

■ 205.8766, 0.2930,
0.2841

■ 6.8958, 0.2511,
0.2066

■ 250.6307, 0.2942,
0.2868

■ 3.3970, 0.2357,
0.1822

■ 301.4416, 0.2954,

■ 1.3423, 0.2112,

0.2892

0.1472

358.6938, 0.2964,
0.2914

0.1736, 0.1714,
0.0503

0.0000, 0.0000,
0.0000

59.5052, 0.2826,
0.2631

59.5052, 0.2826,
0.2631

46.5087, 0.2671,
0.2315

74.7754, 0.2964,
0.2926

35.6737, 0.2501,
0.1985

92.4208, 0.3085,
0.3193

26.8807, 0.2321,
0.1655

100.0000, 0.3127,
0.3290

19.9976, 0.2141,
0.1346

■ 14.8766, 0.1970,
0.1077

■ 11.3470, 0.1819,
0.0868

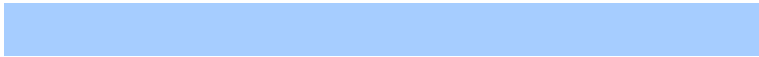
■ 9.2022, 0.1699,
0.0731

■ 8.4024, 0.1642,
0.0678

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.5052, 0.2509, 0.2617



59.5052, 0.2826, 0.2631



59.5052, 0.3246, 0.2794

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.5052, 0.2826, 0.2631



59.5052, 0.3960, 0.3739



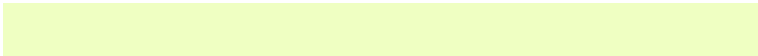
59.5052, 0.2605, 0.3501

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.5052, 0.2826, 0.2631



93.7751, 0.3383, 0.3911

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.5052, 0.2968, 0.3873



59.5052, 0.2826, 0.2631



59.5052, 0.3757, 0.3986

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.5052, 0.2826, 0.2631



59.5052, 0.3927, 0.3406



59.5052, 0.3390, 0.4052



59.5052, 0.2388, 0.3088

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.5052, 0.2826, 0.2631



59.5052, 0.3530, 0.2968



59.5052, 0.3390, 0.4052



59.5052, 0.2714, 0.3638

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.5057, 0.2826, 0.2631



86.7204, 0.3049, 0.3114



80.8661, 0.2759, 0.3126



18.3287, 0.3042, 0.3098



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.5057, 0.2826, 0.2631



52.6213, 0.2749, 0.2473



64.2916, 0.3042, 0.2672



17.6074, 0.3020, 0.3047



4.4512, 0.1655, 0.0686



0.4835, 0.1767, 0.0747

Inverse Universe

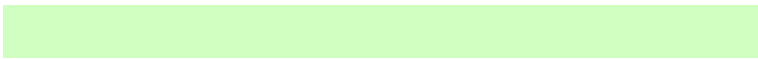
The Inverse Universe completely reimagines the original color for something new.



66.0844, 0.3272, 0.2841



60.3644, 0.3310, 0.2742



89.0089, 0.3190, 0.3950



18.2145, 0.3178, 0.3116



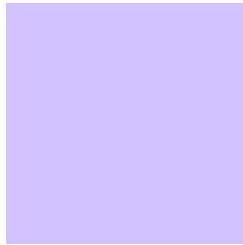
13.0388, 0.4006, 0.1981



1.2875, 0.3895, 0.1919

Previews

White Background



This preview shows how the Yxy color 59.5052, 0.2826, 0.2631 looks on a white background.

Color Contrast Check

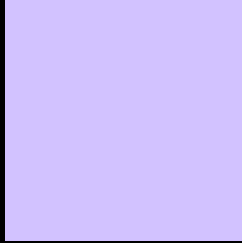
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 59.5052, 0.2826, 0.2631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

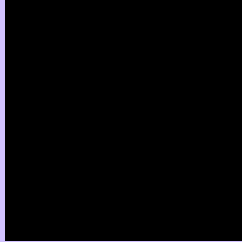
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5052, 0.2826, 0.2631

Background



This preview shows how black text looks on a background with the Yxy color 59.5052, 0.2826, 0.2631.

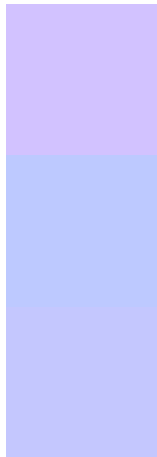


This preview shows how white text looks on a background with the Yxy color 59.5052, 0.2826, 0.2631.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.5052, 0.2826, 0.2631

Protanopia

59.8121, 0.2690, 0.2685

Deuteranopia

59.7384, 0.2740, 0.2680



Tritanopia

59.4796, 0.3029, 0.3105

Trichromacy



Original Color

59.5052, 0.2826, 0.2631

Protanomaly

59.4785, 0.2740, 0.2660

Deuteranomaly

59.5058, 0.2772, 0.2663

Tritanomaly

59.2795, 0.2956, 0.2917

Monochromacy



Original Color

59.5052, 0.2826, 0.2631

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.8883, 0.3011, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5052, 0.2826, 0.2631 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 194, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.5052, 0.2826, 0.2631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 194, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 194, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5052, 0.2826, 0.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 194, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
194, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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